

02-12-01



UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(b))

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33841/LTR/B600

Thomas J. Quigley et al.

Title

UPSTREAM OPTIMAL ROBUST TECHNIQUES FOR

COMMUNICATION BETWEEN CABLE MODEM SUBSCRIBERS AND

A HEADEND

Express Mail Label No.:

EL366428393US

ADDRESS	TO:	Assi	ista	nt	Co	mr	niss	ioner	for	Patent	s
		_	_								

Box Patent Application Washington, D.C. 20231

Date: February 9, 2001

FEE TRANSMITTAL FORM (Submit an original, and a duplicate for fee processing). X

IF A CONTINUING APPLICATION

This application is a continuation of patent application No. 09/574,558 filed May 19, 2000 X and all others listed in the cross-reference to related applications.

Prior application information: Examiner not known; Group Art Unit: 2739

This application claims priority pursuant to 35 U.S.C. §119(e) and 37 CFR §1.78(a)(4), to provisional Application No. .

APPLICATION COMPRISED OF 3.

Specification

Specification, claims and Abstract (total pages) 147

Drawings

Sheets of drawing(s) (FIGS. 1 to 90B) 82

Declaration and Power of Attorney

- Newly executed
- Unexecuted declaration
- Copy from a prior application (37 CFR 1.63(d))(for continuation and divisional) X
- Microfiche Computer Program (Appendix)

5	Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
	Computer Readable Copy

- Paper Copy (identical to computer copy)
- Statement verifying identity of above copies

APPLICANT(S) STATUS UNDER 37 CFR § 1.27

Applicant(s) and any others associated with it/them under § 1.27(a) are a SMALL ENTITY

UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.: 33841/LTR/B600

7.	ALSO	ENCLOSED ARE						
		Preliminary Amendment						
			e for the parent application and the required fee are					
		enclosed as separate papers	rith the Recordation Cover Sheet and the recordation fee					
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	X							
		at Reel 011049, Frame 0482						
	X	Information Disclosure Statemer	nt (IDS)/PTO-1449					
		Copies of IDS Citations						
,		Certified copy of Priority Document(s) (if foreign priority is claimed)						
		English Translation Document (if applicable)						
	<u>X</u>	Return Receipt Postcard (MPEP 503) (should be specifically itemized).						
		Other						
8.	COR	RESPONDENCE ADDRESS						
		CHRISTIE, PARKER & HALE, L Customer Number: 23363	LP, P.O. BOX 7068, PASADENA, CA 91109-7068					
			Respectfully submitted,					
			CHRISTIE, PARKER & HALE, LLP					
			By Frah					
			LeRoy T. Rahn					
			Reg. No. 20,356					

LTR/amb

626/795-9900



DATE: February 9, 2001

Docket No.:

33841/LTR/B600

Inventors

Thomas J. Quigley et al.

Title

ROBUST TECHNIQUES FOR OPTIMAL UPSTREAM COMMUNICATION

BETWEEN CABLE MODEM SUBSCRIBERS AND A HEADEND

FEE DETERMINATION

CLAIMS AS FILED								
	NUMBER FILED	NUMBER EXTRA	SMALL ENTITY RATE	LARGE ENTITY RATE	FEE			
TOTAL CLAIMS	42+53 – 20	75	x \$9.00	75 x \$18.00	\$1,350.00			
INDEPENDENT CLAIMS	4 – 3	1	x \$40.00	1 x \$80.00	\$80.00			
MULTIPLE-DEPENDENT	\$135.00	\$270.00	\$270.00					
BASIC FEE	\$355.00 \$710.00		\$710.00					
TOTAL FILING FEE								
List Independent Claims: 1, 16, 17 and 36								

METHOD OF PAYMENT

X Payment Enclosed: Check for \$2,410.00

X The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required during the **entire pendency** of the application to Deposit Account No. 03-1728. Please show our docket number with any charge or credit to our Deposit Account. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

Ву

LeRoy T. Rahn Reg. No. 20,356 626/795-9900